

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
16 September 2004 (16.09.2004)

PCT

(10) International Publication Number
WO 2004/077922 A3

(51) International Patent Classification⁷: **A61B 17/02**

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(21) International Application Number:
PCT/IB2004/050207

(22) International Filing Date: 8 March 2004 (08.03.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
524638 7 March 2003 (07.03.2003) NZ
527576 12 August 2003 (12.08.2003) NZ

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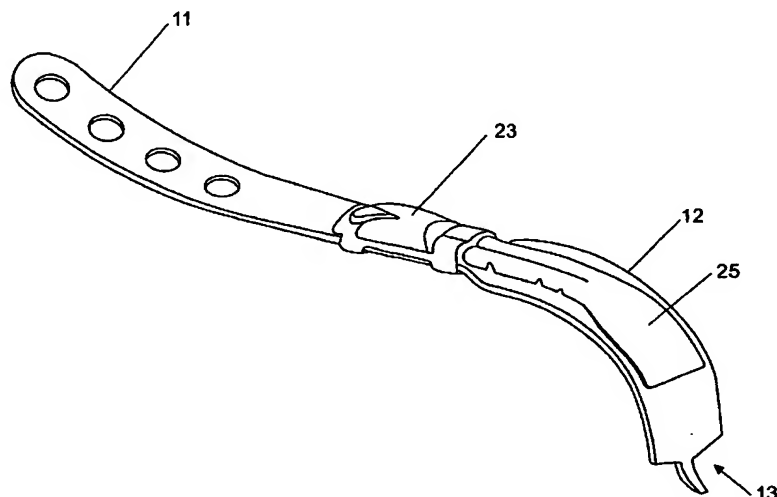
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(81) Designated States (unless otherwise indicated, for every
kind of national protection available): AE, AG, AL, AM,
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,
TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM,
ZW.

(84) Designated States (unless otherwise indicated, for every
kind of regional protection available): ARIPO (BW, GH,
GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW),
Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), Euro-
pean (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR,
GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK,
TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW,
ML, MR, NE, SN, TD, TG).

[Continued on next page]

(54) Title: ILLUMINABLE RETRACTOR



(57) Abstract: A retractor assembly suitable for hip or other joint surgery comprising a structural member (1), which consists of a handle (2) that extends proximal through a curved region (4) to a distal region (3) adapted for use in a suitable patient, a light ducting member (5), which is at least in part in substantial conformity to the curved region (4), adapted in use to receive light and reliant on internal reflection of the light, to transmit such received light about at least part of the curved region to an emission outlet (7) which casts light to a zone at and/or about said distal region (3), and a shield (6) overlying at least that part of the light ducting means (5) in substantial conformity to at least part of the curved region (4), wherein the light ducting member (5), the shield (6) and the structural member (1) can be brought into assembly so that directly and/or indirectly each of the light ducting member (5) and the shield (6) is in a supported condition relative to the structural member (1).



Published:

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(88) Date of publication of the international search report:

10 March 2005

INTERNATIONAL SEARCH REPORT

International application No.

PCT/IB2004/050207

A. CLASSIFICATION OF SUBJECT MATTER

Int. Cl. 7: A 61B 17/02

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

DWPI: IPC: A61B, A61D; KEYWORDS: retract, light, illumination, LED, optic, lamp, irradiate, duct, lumen, fiber, fibre, tube, guide, conduit, curve, arc, convex, concave, flat, thin, shield, cover, protect, guard, screen, reflect, refract

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	GB 2078526 A (ORIGINAL HANAU HERAEUS GmbH) 13 January 1982 See entire document	1-47
X	EP 101781 B (W.C. HERAEUS GmbH) 7 March 1984 See figures	1-47
X	US 4562832 A (WILDER et al) 7 January 1986 See abstract; col 3, line 63- col 4, line 48; figures	1-47
X, P	US 2003095781 A1 (WILLIAMS) 22 May 2003 See abstract; paragraphs 0005-0012; 0111-0113; figure 11	1-47

☒ Further documents are listed in the continuation of Box C☒ See patent family annex

* Special categories of cited documents:	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
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Date of the actual completion of the international search
20 December 2004

Date of mailing of the international search report

6 JAN 2005

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INTERNATIONAL SEARCH REPORT

International application No.

PCT/IB2004/050207

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5431153 A (LEE) 11 July 1995 See abstract; col 2, line 31 - col 3, line 40; figures 1-3	1-47
X	US 4226228 A (SHIN et al) 7 October 1980 See entire document	1-47
X	WO 0152749 A1 (GENZYME CORPORATION) 26 July 2001 See abstract: page 5, line 7 - page 12, line 13; figures 1-8B	1-47
X	WO 200015116 A1 (GENERAL SURGICAL INOVATIONS, INC.) 23 March 2000 See abstract; page 4, line 23 - page 9, line 8; figures 1-2, 4	1-47
X	WO 200219919 A2 (GENZYME CORPORATION) 14 March 2002 See abstract; page 2, line 12 - page 5, line 30; figures 1-3, 9	1-47
X	US 5520611 A (RAO et al) 28 March 1996 See abstract; col 1, line 64 - col 2, line 61; figures 1-2, 7-8	1-47
X	US 4784150 A (VOORHIES et al) 15 November 1988 See abstract; col 4, line 40 - col 5, line 48; figure 1	1-47
X	US 4052980 A (GRAMS et al) 11 October 1977 See entire document	1-47

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/IB2004/050207

This Annex lists the known "A" publication level patent family members relating to the patent documents cited in the above-mentioned international search report. The Australian Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

Patent Document Cited in Search Report		Patent Family Member					
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		SE	8103636				
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US	5520611						
US	4784150						

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/IB2004/050207**US 4052980**

Due to data integration issues this family listing may not include 10 digit Australian applications filed since May 2001.

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